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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE PATENT APPLICATION OF: Soheil SHAMS  
SERIAL No.: 10/609,137  
FILING DATE: June 26, 2003  
FOR: APPARATUS, METHOD, AND COMPUTER PROGRAM PRODUCT  
FOR DETERMINING GENE FUNCTION AND FUNCTIONAL GROUPS  
USING CHROMOSOMAL DISTRIBUTION PATTERNS

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Sir:

Transmitted herewith for filing in the present application are the following documents:

1. Revocation and New Power of Attorney with Schedule A; and
2. Associate Power of Attorney with Schedule A.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned at (703) 905-2141.

Respectfully submitted,

Bradford C. Blaise

Registration No. 47,429

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703-905-2000

**Customer No.**  
**00909**

Dated: April 8, 2005